#### PHASING DIAGRAM

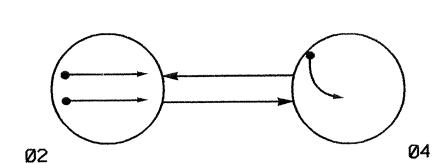


TABLE OF (	OPE	RAT	ION
		PHA!	SE
SIGNAL FACE	Ø2	04	FLASH
21, 22	G	R	Υ
41, 42	R	G	R

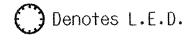
2070L LOOP & DETECTOR INSTALLATION INDUCTIVE LOOPS DETECTOR PROGRAMMING												
I LOOP TURNS PHASE 7 2 3 4					NEW CARD							
2A	6X6	4	300	Υ	2	Υ	Υ	-	-		***	Υ
2B	6X15	4	300	Υ	2	Υ	Υ	-	-			Υ
4A	6X60	2-4-2	0	Υ	4	Υ	Υ	-	_	-	~	Υ
4B	6X60	2-4-2	0	Υ	4	Υ	Υ	-	-	_		Υ

# PHASING DIAGRAM DETECTION LEGEND

4-0	DETECTED MOVEMENT
	UNDETECTED MOVEMENT (OVERLAP)
	UNSIGNALIZED MOVEMENT

<---> PEDESTRIAN MOVEMENT

SIGNAL FACE I.D.



(B) (Y) (G)

21, 22 41, 42

	PS PS	6.
	08 15-501	
	AB (AA) 45% Grade	
PS	20 MPH	PS PS
PS	21 - 22 - 42 41 - 8 - 3 - 3 - 3 - 3 - 3 - 3 - 3 - 3 - 3	PS
Meta	al Pole #1	PS PS
Sta. 34'+	16+46 +/Y2A- /- Rt. See Note #7.	

#### 2 Phase Fully Actuated Chapel Hill Closed Loop System

### <u>NOTES</u>

- Refer to "Roadway Standard Drawings NCDOT" dated January 2002 and "Standard Specifications for Roads and Structures" dated January 2002.
- 2. Locate new cabinet so as not to obstruct sight distance of vehicles turning right on red.
- 3. Do not program signal for late night flashing operation unless otherwise directed by the Engineer.
- 4. Install backplates for signal heads numbered #21 & 22.
- 5. Maximum times shown in timing chart are for free—run operation only. Coordinated signal system timing values shall supersede these values.
- 6. Set all detector units to presence mode.
- 7. Install GPS Unit for time synchronization.

PLAN QUANTITIE			
Pay Item	Feet		
Signal Cable	120		
Messenger Cable	0		
Lead-in Cable	460		

## LEGEND

	LLULIU	
PROPOSED		<b>EXISTING</b>
0	Traffic Signal Head	<b></b>
0->	Modified Signal Head	N/A
	Sign	
	Pedestrian Signal Head With Push Button & Sign	
0	Signal Pole with Guy	
S	signal Pole with Sidewalk Guy	
	Inductive Loop Detector	
$\boxtimes$	Controller & Cabinet	K_X7
	Junction Box	
	2—in Underground Conduit	
N/A	Right of Way	adhippine constant constant constant pen
	Directional Arrow	
	Pavement Marking Arrow	-
0	Metal Pole with Mastarm	
	Construction Zone Drums	
DD	Directional Drill 2 - 2" Conduit	N/A

Temporary Installation - Construction Phase II



US 15-501 Southbound U-Turn .14 Miles South of SR 1734 (Erwin Road)

	Division	07 Orange C	ounty	Chap	el Hill	
	PLAN DATE:	August 2004	REVIEWED BY:	J Gall	oway	
603	PREPARED BY:	TDB/TSB	REVIEWED BY:			İ
		REVISIONS		INIT.	DATE	,
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mot)	I.W.	9/7/04
		-

SIG. INVENTORY NO. 07-2065 T

2070L TI	MING C	HART		
ZUIUL II	HITIAN C	711/3/11		
	PHA	SE		
FEATURE	2	4		
Min Green 1 *	12	7		
Extension 1 *	6.0	1.0		
Max Green 1 *	90	25		
Yellow Clearance	4.7	4.0		
Red Clearance	1.5	2.0		
Walk 1 *	eren.	•••		
Don't Walk 1	Name /	**		
Seconds Per Actuation *	1.5			
Max Variable Initial *	34			
Time Before Reduction *	15	-		
Time To Reduce *	45			
Minimum Gap	3.0			
Recall Mode	MIN RECALL	***		
Vehicle Call Memory	YELLOW	Paris .		
Dual Entry	104			
	1	-		

\* These values may be field adjusted. Do not adjust Min Green and Extension times for phases 2 and 6 lower the what is shown. Min Green for all other phases should no